Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Cancelled)

2. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the at least one discharge opening extends radially toward an outside of the drum.

3. (Currently Amended) ~~The solid bowl helical conveyor centrifuge according to Claim 1,~~ A solid bowl helical conveyor centrifuge, comprising:

a rotatable drum having a horizontally-oriented axis of rotation;

a rotatable screw arranged in the rotatable drum;

at least one discharge opening oriented at an angle with respect to the horizontally-oriented axis of rotation, the at least one discharge opening configured to discharge solids from the rotatable drum;

an adjusting device assigned to the at least one discharge opening, by which adjusting device an outlet cross-section of the at least one discharge opening is changeable and the adjusting device includes a movable adjusting disk arranged in the rotatable drum as an extension of the rotatable screw, and which movable adjusting disk is non-rotatably connected with one or more of the following: a) the rotatable drum, b) the rotatable screw, and c) a screw body;

at least one connecting rod fastened to the movable adjusting disk; and

wherein an end of the at least one connecting rod facing away from the movable adjusting disk is one of directly and indirectly connected with one of a rod and a pipe which centrically penetrates an inlet pipe in the horizontally-oriented axis of rotation of the solid bowl helical conveyor centrifuge.

4. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the at least one connecting rod is guided through the rotatable screw from an end of the rotatable drum situated opposite a drive of the helical conveyor centrifuge.

5. (Currently Amended) ~~The solid bowl helical conveyor centrifuge according to Claim 1,~~ A solid bowl helical conveyor centrifuge, comprising:

a rotatable drum having a horizontally-oriented axis of rotation;

a rotatable screw arranged in the rotatable drum;

at least one discharge opening oriented at an angle with respect to the horizontally-oriented axis of rotation, the at least one discharge opening configured to discharge solids from the rotatable drum;

an adjusting device assigned to the at least one discharge opening, by which adjusting device an outlet cross-section of the at least one discharge opening is changeable and the adjusting device includes a movable adjusting disk arranged in the rotatable drum as an extension of the rotatable screw, and which movable adjusting disk is non-rotatably connected with one or more of the following: a) the rotatable drum, b) the rotatable screw, and c) a screw body;

at least one connecting rod fastened to the movable adjusting disk; and

wherein an end of the at least one connecting rod facing away from the movable adjusting disk is fastened to a ring which is disposed by a bearing on a stationary connecting rod which centrically penetrates an inlet pipe in the horizontally-oriented axis of rotation of the solid bowl helical conveyor centrifuge.

6. (Currently Amended) The solid bowl helical conveyor centrifuge according to the Claim ~~1~~3, wherein the movable adjusting disk is oriented radially with respect to the horizontally-oriented axis of rotation of the solid bowl helical conveyor centrifuge.

7. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the movable adjusting disk is arranged as an axial extension of an end of the rotatable drum in a discharge chamber axially adjoining the screw.

8. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the movable adjusting disk is axially displaceable in the rotatable drum.

9. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the movable adjusting disk is configured to be swivellable.

10. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the movable adjusting disk is swivellably linked to an axial end of the screw.

11. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the at least one connecting rod includes three connecting rods fastened to the adjusting disk.

12. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the at least one connecting rod penetrates an axial end of at least one of the following: a) the screw body and b) a screw drive shaft of the screw into a chamber in the screw body.

13. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the at least one connecting rod is guided from a cylindrical end of the rotatable drum through the screw.

14. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim 12, wherein ~~the~~ a chamber adjoins the distributor.

15. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the movable adjusting disk is adjustable by an electromotively operable adjusting unit.

16. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the movable adjusting disk is adjustable by at least one of the following: a) an hydraulic device and b) a pneumatic device.

17. (Previously Presented) The solid bowl helical conveyor centrifuge according to Claim 5, wherein the stationary connecting rod is operated by at least one of the following: a) an electromotively operable adjusting unit and b) an hydraulic device.

18. (Previously Presented) The solid bowl helical conveyor centrifuge according to Claim 5, wherein the ring is constructed as a sliding element operable by a fluid.

19. (Currently Amended) ~~The solid bowl helical conveyor centrifuge according to Claim 1,~~ A solid bowl helical conveyor centrifuge, comprising:

a rotatable drum having a horizontally-oriented axis of rotation;

a rotatable screw arranged in the rotatable drum;

at least one discharge opening oriented at an angle with respect to the horizontally-oriented axis of rotation, the at least one discharge opening configured to discharge solids from the rotatable drum;

an adjusting device assigned to the at least one discharge opening, by which adjusting device an outlet cross-section of the at least one discharge opening is changeable and the adjusting device includes a movable adjusting disk arranged in the rotatable drum as an extension of the rotatable screw, and which movable adjusting disk is non-rotatably connected with one or more of the following: a) the rotatable drum, b) the rotatable screw, and c) a screw body;

at least one connecting rod fastened to the movable adjusting disk; and

wherein a pipe penetrates an inlet pipe for material to be centrifuged and leads into a chamber used as a feeding and removing device for ~~operating~~ a fluid that operates a sliding element.

20. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, wherein the movable adjusting disk includes recesses.

21. (Previously Presented) The solid bowl helical conveyor centrifuge according to Claim 19, wherein the inlet pipe does not rotate along with thescrew.

22. (Previously Presented) The solid bowl helical conveyor centrifuge according to Claim 19, wherein the inlet pipe rotates along with the screw.

23. (Cancelled)

24. (Currently Amended) The solid bowl helical conveyor centrifuge according to Claim ~~1~~3, further including a computer-controlled control device for controlling the movable adjusting disk.

25. (Previously Presented) The solid bowl helical conveyor centrifuge of Claim 11, wherein the three connecting rods penetrate an axial end of at least one of a) a screw body and b) a screw drive shaft of the screw into a diameter in the screw body.

26. (Previously Presented) The solid bowl helical conveyor centrifuge of Claim 24, wherein the computer-controller control device controls the movable adjusting disk as a function of a dry substance content of the solids.